

Phenylarsonates of Neptunium (IV) and (VI), by P. I.
Kondratov, A. D. Gel'man, 3 pp.

RUSSIAN, per, Radiokhim, Vol II, No 6, 1960,
pp 659-662.

AEC-tr-4578
PL-480

Sci

Aug 62

PSI 570

206,410

Oxalate Compounds of Hf(IV), by P. I. Kondratov, et al.
RUSSIAN, per, Radiokhimiya, No 3, 1960, pp 315-319.

Infosearch RK-60/3.9

Sci - Chem
Oct 61

170,188

We Will Present 40 Exhibits to the 10th Radio Exhibition, by V. Kondratov, 3 pp. UNCLASSIFIED

Full translation.

RUSSIAN, par, Radio, No 1, 1952, pp 11.

AFIC-F-TS-7818

USSR

Sociological - Exhibits, radio

141

S-77/60

(NY-3545).

A New Method for Separating Isotopes, by G. M. Panchenkov, A. M. Tolmashov, V. B. Kondratova,
3 pp.

RUSSIAN, per, ^WZh. Fiz Khim, Vol XXXIII, No 3, 1959,
pp 734, 735.

JPRS 2626

Sci - Chem
May 60

116,675

Reflex Regulation of Vascular Tone when the Brain is
Isolated and Cooled, by M. A. Kondratovich. 4 pp.

RUSSIAN, per. Byul Eksper Biol i Medit. Vol LXXX. No 1.
1962, pp 7-11.

CB

Sci

Apr 63

233,353

(NY-6812)

The Effect of Mountain Climate on the
Cardiovascular System, by M. V. Il'-
chevych, M. A. Kondratovych, 7 pp.

RUSSAYANIAN, par, Fiziol Zhur,
Vol VII, No 5, 1961, pp 626-629.

JPRS 11906

Sci - Med

181, 183

Jan 62

The Reflex Control of Vascular Tone During
Hypothermia, by M. A. Kondratovich, 4 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol L, No 9,
1960, pp 65-68.

CB

Sci

Jun 61

157,690

Preparation of Circular Saws for High Speed Work,
by P. A. Lapin, N. E. Kondratovich, 7 p.

RUSSIAN, per, *Lebnaya Promyshlennost*, 1952,
Vol XXX, No 1, pp 25-27.

SLA 59-17420

Sci
Feb 60
Vol 2, No 10

108,880

KONDRATOVICH, P. T.

(Moscow) Stal, vol. 3, Nos. 9-10, 1050 words; 1943.

The Use of Bulky Steel Chips in Open-hearth Furnace.

Brutcher Trans., Order No. 1623, \$1.60

A-5720

Results of the 1958 All-Union Competition by the
Technical and Scientific Association of the
Machinery Industry, for the Advancement of
Welding Practice, by V. M. Kondratovich, 14 pp.

RUSSIAN, per, Svaroch Propz, No 5, 1959, pp 41-44.

British Welding Res Assoc

Sci

Aug 60

123/31

On the comparison of the monthly means of
the hydro-meteorological elements and
their anomalies with G. Ya. Vangengein's
types of atmospheric circulation, by K.
V. Kondratovich,

RUSSIAN, ~~pp~~, Tr. Leningr. gidromet. inst. ,
Vol 17, 1965, pp 118-127
NIL 9022.551 (450 H)

A. Ya. Vangengein
K. V. Kondratovich 303,914

Sci - Meteor, Cli
Apr 67

(SF-1880)

All-Union Scientific-Technical Conference on the
Over-All Mechanization and Automation of the Welding
Industry, by V. M. Kondratovich, 10 pp.

RUSSIAN, par, Svaroch Proiz, No 2, 1961, pp 41-43.

JPRS 4841

Sci - Min/Met

166,068

Sep 61

The Growth of Geographic and Cartographic
Bases for Industrial Planning and Construc- 80
tion in Pre-Revolutionary Russia,
by M. Ya. Kondrat'yena, 10 pp.
RUSSIAN, por, Vest Leningrad Univ., No 18,
1965.
AMS Coll No. Q4, V58

Kondrat'yena, M. Ya.

Sci - ES
May 66

360,538

A Research in the Field of Oxazolines and Thiazolines,
by Sergeyev, Kolychev, Kondrat'yev

Full translation.

RUSSIAN, per, Zhur Obshch Khim, Vol VII, 1937, №
№ 20-21, pp 2600-2604.

Def Sci Info Sv,
DRB Canada, R.100.R.

Scientific-- Chemistry

Jul 53 CTS/DEX

4152

Diffusion of Hydrogen in Quartz, / 9 pp.
by Kondratyev,

RUSSIAN, per, Zhur Ek 1 Teoret Fiz, Vol XIII,
1943, pp 59-64.

AEC Tr 2182

26, 536

Aug 55 CTS

Scientific - Physics, Chemistry

R-900

(DC-2269)

The Korean Periodical Hodon (Labor) on Questions
of Labor and Wages, by A. Kondrat'yev, 6 pp.

UNCLASSIFIED

RUSSIAN, per, Sotsialisticheskiy Trud, No 4, 1958,
pp 156-158.

US JPRS/DC-394

FE - North Korea
Econ - Labor and Wages
Dec 58

69, 568

Effect of Oxygen on Desulphurization of Liquid
Steel, by A. I. Kondrat'ev, A. M. Semzin.

RUSSIAN, par, Iz Vysshikh Ucheb Zaved Chern
Met, Vol V, No 9, 1962, pp 99-104.

BISI 3441

Sci/M

Jan 64

248,764

Season Cracking of Brass in Ammonia, by A. N.
Kondrat'ev,

RUSSIAN, per, Metal i Obra Metallov, No 12, 1958,
pp 45-52.

EB 4449

Sci - Chem

Apr 61

144, 986

Oscillatory Properties of the Equilibrium Forms of
a Beam Column, by A. S. Kondratyev, 4 pp.

RUSSIAN, per, Prik Matemat i Mekh, Vol XXII,
No 4, 1958, pp 541-543.

Pergamon Inst

Sci - Math

Jun 59

90, 510

(FDD 22213)

On Positions of Dogmatism and Banality, by
M. Blankova, S. Benevol'skiy, B. Kondrat'yev,
16 pp.

RUSSIAN, six-times per wk up, Sol' Khoz,
No 114(6865), Moscow, 19 Jun 1954, pp 3, 4.

CIA/FDD/U-6577

USSR

Economic - Agriculture

Scientific -

Oct 54 CTS

19,247

Measurements of the Asymmetry of Communications
Equipment, by I. A. Leshchuk, B. F. Kondrat'yev,
6 pp. (AF 1019678).

RUSSIAN, no per, Elektrosvyaz, No 3, Mar 1956, pp 75-78.

AFIC F-TE 10069/V

Sci - Electronics
Mob 57

55,548

Spatial Resonance in a Helix in a Ferrite, by V. P. Snestopalov, B. V. Kondratyev, 20 pp.

RUSSIAN, par, Zhur Tekh Fiz, Vol XXIX, No 12, 1959, pp 1434-1456.

Amer Inst of Phys
Sov-Phys - *Tech*
Vol IV, No 12

Sci - E Physics
Jul 60

120,927

Electron Beam in a Helix (Taking Account of Geometric
Dimensions of the Helix), by B. V. Kodratyev, 4 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXIX, No 12, 1959,
pp 177-179/

Amer Inst of Phys
Sov-Phys *Tech*
Vol IV, No 12

Sci - Phys
Jul 60

120,923

(EX-045/REL)

Electron Beam in a Coaxial Spiral Line With an
Anisotropic Magnetodielectric Medium, by
V. P. Shostopalov, B. V. Kondrat'ev,
V. A. Slyasersky, 15 pp.

RUSSIAN, per, Iz Vyschikh Ucheb Zaved, MVS80,
Ser Radiotekh, Vol IV, No 2, 1961, pp 155-160.

JPRS 11075

195, 838

Sci
Dec 61

Space Resonance in a Spiral Wave Guide
Situatad in a Magneto-Dielectric Medium,
by V. P. Shestopalov, B. V. Kondrat'ev,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXKV,
No 4, 1959, pp 794-.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 2

Sci

101, 856

Dec 59

Study of the Positioning of Platinum-Alumina Catalysts
Containing Various Amounts of Metal by Means of
Thiophene-S35, by Kh. M. X Minachev,
D. A. Kondrat'yev, et al, 3 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol II, No 5,
1961, pp 699-693.

CB

Sci
Aug 62

206,490

The Analysis of Mixtures of C_6-C_7 Hydrocarbons by Gas-
Liquid Chromatography, by D. A. Kondratyev, M. A.
Markov, Kh. M. Minachev, 3 pp

RUSSIAN, per, Zavod Lab, Vol XXV, NO 11, 1959, pp
1301-1303

Instru Soc of Amer

Sci
Nov 60

132,907

Contact Transformations of 1,1'-Dimethyldicyclohexyl in
the Presence of Platinized Carbon, by S. I. Khromov,
D. A. Kondratyev, E. S. Balenkova, B. A. Kazensky, 4 pp.

RUSSIAN, thrice per, Dok Ak Nauk SSSR, Vol CIX,
No 1, pp 109-111. Jul/Aug 1956

Consultants Bureau

Sci - Chem

56,614

Dec 57

Poisoning of a Platinum Catalyst By Thiophene Under Reforming Conditions. Communication 1. Effect of the Concentration of Thiophene, by Kh. M. Minachev, D. A. Kondrat'ev, 6 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 2, 1960, pp 300-306

CB

Sci
Apr 61

145,388

Investigation of the Chemical Composition of Woods
Buried in Peat Deposits, by E. F. Kondrat'yev, M. I.
Kostin, 6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXI, No 6, 1958,
pp892-896.

Consultants Bureau

Sci - Chem

Jun 59

89,653

Feb 61

Changed Blood Supply in the Fingers of an Inactive
Hand Following Raising of a Load with the Other
One, by E. N. Kondratyev, 5 pp.

RUSSIAN, per, Byul Ekspier Biol i Med, Vol XLIX,
No 5, 1960, pp 15-19.

CB

Sci

Feb 61

138,594

Method of Analysis of Plant Substances, by E. V.
Kondratyev and M. I. Kostina, 6 pp. UNCLASSIFIED

RUSSIAN, per, Zhur Prikl Khim, Vol 24, No 8, Aug 51,
pp 870-875.

U.S.T.

Consultants Bureau

Scientific - Chemistry

U.S.T.

A. 5721

The Chemistry of Peat-Forming Substances, by
E. V. Mondratsev.

RUSSIAN, par, Zhur Prik Khim, Vol XXII, 1949,
p 753.

Dept of Int
US Bur of Mines
Central Exper Sta
Pittsburgh Pa. No 379

Sci - Chem

May 59

87,729

Destruction of the Organic Substance of Vegetable Matter
Under Artificial Conditions, by E. V. Kondratyev, M. I.
Kostina, 6 pp.

Full tr

RUSSIAN, no per, Zhur Prik Khim, Vol XXVIII, No 9,
1955, pp 982-988. CIA C 42516

35,776

Consultants Bureau

Scientific - Chemistry
Jun 56/dex

Identification of Fossil and Contemporary Pollen
of Water Caltrop (*Trapa* L.), by P. A. Popov,
G. K. Kuznetsov, 4 pp.

RUSSIAN, Part, Dok Ak Nauk SSSR, Vol 67, No 4,
1958, pp 109-112.

Assoc Tech Serv
COMMUN

Sci - Biol
May 59
CES, Vol 3, No 6,

86,300

Two Dimensional Electromagnetic Fields Guided
by Plasma Layers. I, by I. G. Kondrat'yev,
M. A. Miller, 17 pp.

RUSSIAN, per, Iz Vyssh Ucheb Zaved, Radiofiz,
Vol VII, No 1, 1964.

JPRS 25168

Sci
Jun 64

261,40501

Field Structure Inside a Plasma Layer With
Zero Permittivity, by I. G. Kondrat'yev,
M. A. Miller, 6 pp.

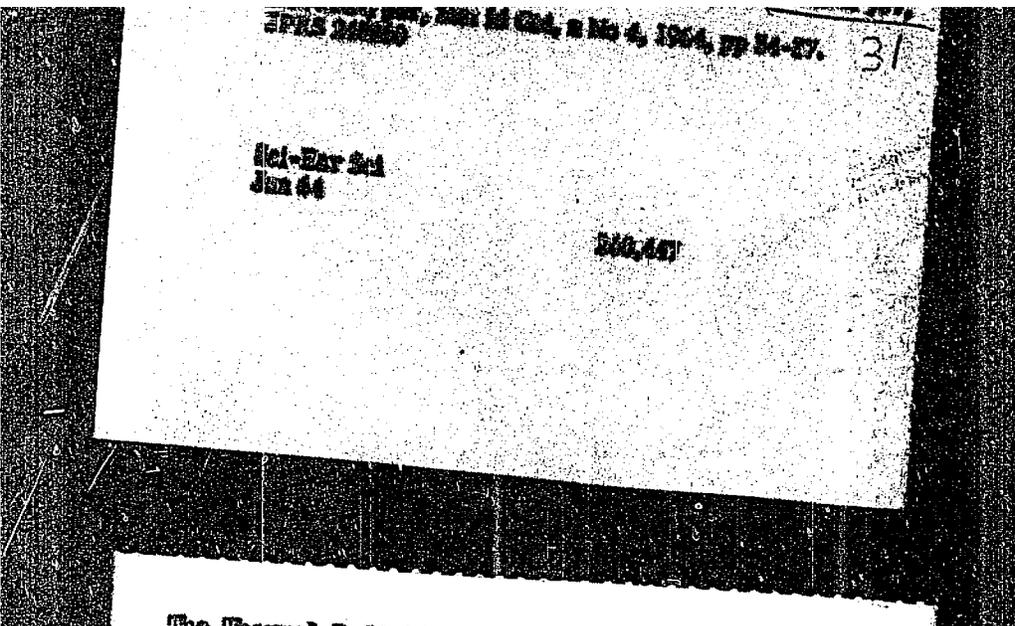
RUSSIAN, per, Iz Vyssh Ucheb Zaved, Radiofiz,
Vol VII, No 1, 1964.

JPRS 25168

Sci
Jun 64

261,505

Meteorological Satellites, by K. Ya. Kondrat'yev.
RUSSIAN, bk, 288 pp.
NASA (OTS)
NLL 6015.49 1964 177 (216001)
NASA 77 F-177
Sci - Earth Sci & Astron
Jul 64
Leningrad 1963 - 311 pp. 9221374
262,973



Structural Characteristics of the Radiation ^A Field
of the Earth as a Planet, by Ye. P. Borisenkov,
Yu. P. Boronin, K. Ya. Kondrat'ev, 23 pp.

RUSSIAN, per, Kosmicheskiye Issledovaniya, Vol. I,
No 1, 1963, 968886-y.

FTD-TT-63-968

Sci
Nov 63

241,881

Absorption of Atmospheric Thermal Radiation
in the 9.6 Ozone Band Region, by K. Ya.
Kondrat'yev and Kh. Yu. Niyizak.

RUSSIAN, per, Probl. Fiz Atmosf. L 1963,
Sb. 2, pp 3-27. - 932-2882-1

NLL 6015.49 1964 (207) (On Loan) NA 3-17
F-207

K. Ya. Kondrat'yev

AUG 65

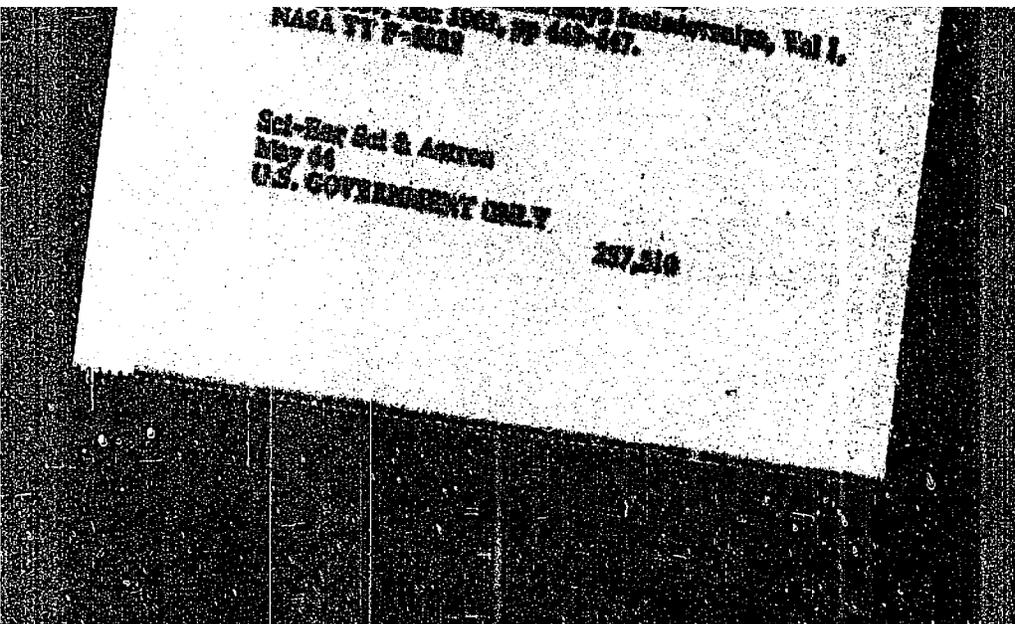
287,257

Sci. Earth's Atmos

On the Possibility of the Direct Measurement of
Radiative Divergence, by K. Ye. Kuznetsov, 28 pp.
RESEARCH. M. P. Frolovsky Flight Academy, Collection 1.
Leningrad University Press, 1963. 923046
NASA-TT F-484

Sci - Earth Sci & Atmos
Mar 64

252, 391



Problems of the Physics of the Atmosphere, by
K. Ya. Izrael'yan, et al, 169 pp.
RUSSIAN, in, Problems Field Atmosphere, Collection I,
Leningrad University Press, 1963. 932646
NASA-TT F-104

Sci-Earth Sci & Astron
Mar 64

252, 570

Certain Problems of Interpreting the Results of
Measurements of Outgoing Radiation by Means of ~~the~~
Meteorological Satellites, by K. Ya. Kondrat'yev,
83 pp.

RUSSIAN, per, Kosmicheskiye Issledovaniya, Vol, I.
No. 1, 1963, 968886-V.

FTD-TI-63-968

Sci
Nov 63

241,880

Investigation of Spectral Composition of Short-
wave Radiation, by K. Ya. Kondrat'yev,

29
33

N. P. Dergova, 11 pp.

RUSSIAN, per, Vsesoyuznoye Nauchnoye Meteorologi-
cheskoye Sotrudnichestvo. Izudy, Vol 6, 1963,

pp 302-312. F100116268-V

FTD-IR-65-24

K. Ya. Kondrat'yev

Sci/Astron & Astrophys

Jul 63

300.163

Radiant Flux of Heat and Thermal Regime of the ³³
 Surface Layer of the Atmosphere, by
 O. E. Gayevskaya, K. Ya. Kondrat'yev, 16 pp.
 RUSSIAN, for, Известия Академии Наук СССР
 Географический факультет, Труды, Vol 6, 1963,
 pp 150-169. REF ID: A6260-V
 DIS-65-44

K. Ya. Kondrat'yev

Sol/Phys
 Jul 68

760,143

33
Certain Problems in Actinometry in the Free
Atmosphere, by K. Ya. Kondrat'yev, 19 pp.
RUSSIAN, par. Vsesoyuznoye Nauchnoye Meteorologi-
cheskoye Soyeshchaniye. Izv., Vol. 6, 1963,
pp 137-151. F100116268-V
PID-11-65-14

K. Ya. Kondrat'yev
Sci/Phys
Jul 68

360,140

The Infrared Absorption Spectra of Water
in the Liquid State, by N. Ya. Kondrat'ev, et al, 27 pp.
RUSSIAN, in: Problems of the Atmosphere,
Gosstat S. Leningrad, 1962, pp 37-63. 9212306-Y

NASA TT F-311
NHL 6015.49 1964 (211) Loan

Sci - E. S. & Astron
Jul 64

163,246

Recent Investigations of the Radiation Belts of the
Earth's Surface-Atmosphere System, by E. W. Rando et al.
C. H. GARDNER, et al.
RESEARCH, pp. Spacecraft Instrumentation, Vol. 1,
No. 2, Nov, Dec 1958, pp 428-431.
NASA TT P-5513

Sci-Exp Sci & Astron
May 66
U.S. GOVERNMENT ONLY

237,411

Experimental Investigations of the Radiation Balance
in the Free Atmosphere, by K. Ya. Kondrat'yev,
G. N. Gayevskiy, et al, 61 pp.
RUSSIAN, in: Problems of the Free Atmosphere, Collection I,
Leningrad, 1945, 923846
NASA TT D-134

Sci-Earth Sci & Astron
Mar 64

352,394

Meteorological Investigations with Rockets and
Satellites, by K. Ya. Kondrat'yev, 284 pp.

RUSSIAN, bk. Meteorologicheskiye Issledovaniya
s Pomoshch'yu Raket i Sprinkov, Leningrad, 1962
252 pp, 9212925.

NASA TT-F-115

Sci - Aera
Oct 63

345, 362

METHODS OF METEOROLOGICAL INVESTIGATION BY
Means of Satellites, by K. Ya. Kondratiev,
20 pp. Controlled Dissem

RUSSIAN, bk, Meteorologicheskii Issledovaniya s
Pomoshchiyu Raket i Sputnikov, Gimiz,
Leningrad 1962, Chapter III. 9683291

FTD-TT-63-561

Sci-Aero
Jun 63

~~234,645~~
234,645

Fluxes of Cosmic ~~LONG-WAVE~~ Long-Wave Radiation
Onto Differently Oriented Surfaces, by K. Ya.
Kondrat'ev, M. P. Fedarova.
RUSSIAN, bk. *Izvestiya Sputnik Zemli*, No 14,
1962, pp 132-136.

NASA TT F-3387

Sci - Aero
Mar 64
U.S. GOVERNMENT ONLY

251,926

39

Numerical Modeling of Transmission Functions for Narrow Spectral Intervals in the 15 μ m CO Band, by K.Ya. Kondrat'yev Yu. M. Timofeyev, 16 pp.

RUSSIAN, per, Izvestiya Ak Nauk SSSR, Fizika Atmosferiy i Okeana, April 1969 pp. 377-387.

JPRS 48753

K. Ya. Kondrat'yev

Sci/astron
Feb 70

402,543

(DC-6644)

The Radiation Balance of the Earth as a Planet,
by K. Ya. Kondrat'yev, 15 pp.

RUSSIAN, per, Met 1 Gid, No 1, 1962, pp 50-56.

JPRS 13319

Sci - Geophys
Apr 62

190,880

Angular Distribution of the Outgoing Thermal Radiation in
Different Regions of the Spectrum, by K. Ya. Kondrat'yev,
K. E. Yakushevskaya.
RUSSIAN, Iz. Akademiya SSSR, No 14,
1962, pp 13-29.

MAEA TT F-1389

CO

Sci - Aero

Mar 64

U.S. GOVERNMENT ONLY

24,920

Vertical Daytime Profile of the Radiation Balance and
Its Components in the Free Atmosphere, by
K. Ya. Konstant'ev, G. N. Geyrovskaya,
RUSSIAN, *Tr. Izdatel'stva Spetsial'noi Zerkal*, No 14,
1962, pp 66-74.

NASA TT F-6390

C B

Sci - Aero
Mar 64

U.S. GOVERNMENT ONLY

251,937

Experiment in Processing and Analyzing Some of the
Data Obtained on TIROS II on Measurement of Radiation
Balance Components of the System Earth's Surface-
Atmosphere, by E. Ya. Kondrat'yev, M. P. Fedorova.
RUSSIAN, Iz. Ispytaniy Kosmicheskoye Spetsial, No 14,
1962, pp 95-104.

NASA TT F-6386

CB 11 pp. unclass

Sci - Aero

Mar 64

U.S. GOVERNMENT ONLY

251,925

Satellites and Meteorology, by K. Ya. Kondrat'yev,
18 pp.

RUSSIAN, per, Usepkh Fiz Nauk, Vol LXXIV,
No 1/2, 1961, pp 193-.

AIP
Sov Phys - Usepekhi
Vol IV, No 3

Sci
Sep 62

211,844

The Spectral Albedo of the Snow and Vegetative Cover,
by K. Ya. Kondrat'yev, Z. P. Mironova.
RUSSIAN, KHE, *Khimicheskyy Gosizdat* Gos.
Leningrad, 1960, pp 35-51.

NASA TT F-8487

Sci - E. S. & Ast
Mar 64
U.S. GOVERNMENT ONLY

351,928

The Thermal State of Upper Atmospheric Layers,
by K. Ya. Kondrat'yev, O. P. Filipovich, 405 pp.

RUSSIAN, bk, Izv. Vuzov. Seriya Fiziko-Matematicheskie Nauki
Atmosfera, 1960, pp 1356.

NASA TT F-103

Sci - Geophys
Nov 62

217,631

The Measurement of the Sea Radiational Balance
Under Ship Conditions, by K. Y. A. Kondratyev,
M. P. Manolova, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,
No 6, 1960, pp 875-878.

AGU

Sci
Feb 61

138,082

S-67/60

(NY-3561).

Toward a Theory of the Temperature Regime of
the Upper Atmosphere, by K. Ya. Kondratyev,
O. P. Filipovich, 15 pp.

RUSSIAN, per, Met 1 Gid, No 12, 1959, pp 41-48.

JPRS 2662

Sci - Geophys, Meteorology
Jun 60

117,067

Some Measurement Results of the Thermal
Radiation of the Atmosphere in the Daytime, by
K. Ya. Kondrat'ev, T. S. Gal'm, 6 pp.

RUSSIAN, per, Met i Gid, No 11, 1959, pp 37-40.

Amer Meteorol Soc T-R-366
AF Cambridge Res Center

Sci - Geophys
Sep 61

9658807
167, 827

Approximate Equations for Radiation Transfer, by K.
Ya. Kondratyev, I. L. Senderikhina, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 5,
1959, pp 725-731.

Amer Geophys Union

Sci
Aug 60

122,153

On the Heat Radiation of Carbon Dioxide Gas in
in the Atmosphere, by K. Ya. Kondrat'yev
and L. I. Nedovessova, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz
No 12, 1958, pp 1470-1476.

Amer Geophys Union

Sci

Feb 60

106,677

Radiometer for Measuring the Intensity of Heat
Radiation of the Atmosphere and Its Comparison
With the Pyrocameter, by M. P. Yelovskikh,
K. Ya. Kondrat'yev, 6 pp.

RUSSIAN, per, Mat 1 Gid, No 7, Leningrad, 1957,
pp 49-51.

US JPRS/DC 4-1005

Sci - Geophysics
17 Nov 1958

75,869

61-28766

①
Kondrat'ev, K. Ya. and Loginova, Z. A.
ON AN INDIRECT METHOD OF DETERMINING THE
TEMPERATURE OF AN UNDERLYING SURFACE AC-
CORDING TO THE DATA OF STANDARD ACTINOM-
ETRIC OBSERVATIONS (O Kosvennom Metode Opre-
deleniya Temperatury Podzlayushcheni Poverkhnosti
po Danym Standartnykh Aktinometricheskikh
Izmerenii) tr. by George S. Mitchell. Sep 61 [9]p.
9 refs.

Order from OTS or SLA \$L10 61-28766

Trans. of Leningrad U. Vestnik (USSR) 1957 [v. 12]
no. 4, Seriya Fiziki i Khimii, no. 1, p. 79-84.DESCRIPTORS: *Radioactivity, *Surfaces, *Tempera-
ture, Measurement, Wave transmission, Climatic
factors, Meteorological data, Instrumentation, Mathe-
matical analysis.

(Earth Sciences--Meteorology, TT, v. 7, no. 10)

I. Kondrat'ev, K. Ya.
II. Loginova, Z. A.
III. Weather Bureau, Washington,
D. C.

208210

Office of Technical Services

Angular Dispersion on the Intensity of Thermal
Radiation in the Atmosphere, by M. P. Elovskikh,
K. Ya. Kondrat'ev, 7 pp.

RUSSIAN, par, Iz Ak Nauk SSSR, Ser Geofiz, No 5,
1957, pp 683-688.

Pergamon Inst

Sci - Geophys
Dec 58

77, 730

On the Reflection of Radiation by the Sea, by K. Ya.
Andrat'yev, N. Ye. Ter-Markaryents, 10 pp.

RUSSIAN, per, Uchenye Z Zapiski Lenin, Gosud U,
No 210, Ser Fiz Nauk, No 9, 1956, pp 47-56.

Navy/ERL 859

Sci - Phys
Sep 61

7665240
169,021

Kondrat'ev, K. Ya.

RADIANT HEAT EXCHANGE IN THE ATMOSPHERE:
VOL. I, tr. by Charles E. Davenport. [1962]
[462]p. USASIA Trans, Log no. 1380, pt. 1.
Order from OTS or SLA \$23.50 62-32503-1

Trans. of mono. [Luchistyĭ Replobmen v Atmosfere]
Leningrad, 1956, chaps. 1-5, foreword and table of
contents.

DESCRIPTORS: *Atmosphere, *Heat transfer,
*Thermal radiation, Measurement, Absorption,
Blackbody radiation, Meteorology, Geophysics,
Numerical methods and procedures.

Contents:

Thermal radiation, basic definitions and concepts
Principles of the theory of actinometric measurements
of thermal radiation fluxes
(Earth Sciences--Meteorology, TT, v. 8, no. 8)
(over)

62-32503-1

I. Kondrat'ev, K. Ya.
H. USASIA Trans-1380, pt. 1
III. Army Signal Intelligence
Agency, Arlington, Va.
IV. Systems Engineering
Facility, RCA Service
Co., Alexandria, Va.

C223361

Office of Technical Services

Kondrat'ev, K. Ya.

RADIANT HEAT EXCHANGE IN THE ATMOSPHERE:
VOL. II [tr. by Charles E. Davenport], [1962]
[421]p. 387 refs. USASIA Trans. Log no. 1380, pt. 2.
Order from OTS or SLA \$22.25 62-32503-2

Trans. of mono. [Luchisty Reploobmen v Atmosfere]
Leningrad, 1956, chaps. 6-8 and bibliography.

DESCRIPTORS: *Atmosphere, *Heat transfer,
*Thermal radiation, Meteorology, Temperature,
Mathematical analysis.

Contents:

Counter-radiation of the atmosphere and effective
radiation and counter-radiation

Radiation balance

Variation of temperature in the atmosphere due to
radiant heat exchange. (See also 62-32503-1)
(Earth Sciences--Meteorology, TT, v. 8, no. 8)

62-32503-2

- I. Kondrat'ev, K. Ya.
- II. USASIA Trans-1380, pt. 2
- III. Army Signal Intelligence
Agency, Arlington, Va.
- IV. Systems Engineering
Facility, RCA Service
Co., Alexandria, Va.

C223362

Office of Technical Services

On the Question of Albedo of the Sea Surface,
by E. Ya. Kondrat'yev, L. A. Kuryavtseva.

UNCLASSIFIED

RUSSIAN, per, Met i Gid, No 3, May-Jun 1955,
pp 25-7.

Envy 2204/100-62

Sci - Geoph
Jul 59

H
(02)

92,804

g Table of Contents of the Book,
The Radiant Energy of the Sun, by K. Ya.
Kondrat'yev, 10 pp.

RUSSIAN, bk, Luchistaya energiya sotsa,
Leningrad, 1954.

CIA/FDD/X-1973

USSR

30,397

Sci - Physics, geophysics

Table of Contents, Preface, Introduction, Abstract of
"Course of Meteorology (Physics of the Atmosphere),"
by A. S. Zverev, B. V. Kiryukhin, K. Ya. Kondrat'yev,
Ye. S. Selezneva, P. N. Tverskoy, M. I. Yudin.

RUSSIAN, bk, Kurs Meteorologii (Fiziki Atmosfery),
publ by Hydrometeorological Publ House (GIMIZ), USSR,
1951.

AID (Library of Congress)
Phase II, AID 20 - II

Scientific - Geophysics, *11,168*
meteorology, thermodynamics, energy,
weather, forecasting, acoustics

NOT IN CTS

Transfer
Propagation of Long Wave Radiation in the Atmosphere,
by K. Ya. Kondratyev. (AF 493587) UNCLASSIFIED

RUSSIAN, 1950, pp 1-176. 164pp

Резюме ДЛИННОВОЛНОВОГО ИЗЛУЧЕНИЯ
v ATMOSPHERE ATIC F-TS-8158

Scientific - Physics

Oct 53 CTS

5800

Studies in the Field of Synthesis and Reactions of
Oxygen-Containing Silicoorganic Compounds.
IX. Synthesis of Silicoorganic Acetals which Contain
Naphthyl, by M. F. Shostakovskiy, Kh. I. Kondrat'ev,
A. K. Gorben', 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 10,
1960, pp 3183-3185.

CB

171, 717

Sci

Oct 61

Synthesis and Reactions of Oxygen-Containing
Organosilicon Compounds, Communication 8.
Synthesis and Study of the Properties of
Low-Molecular-Weight Ethers Derived From
Methyl-1-Naphthylsilanediol, by M. F.
Shostakovskiy, Kh. I. Kondrat'yev, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
N 6, 1959, pp 1041-1048.

CB

Sci
Jun 61

157, 909

Synthesis and Reactions of Oxygen-Containing
Organosilicon Compounds. Communication 7.
Synthesis of Dimethyl-1-Naphthyl-, Methyl-di-1-
Naphthyl-, Ethyl-di-1-Naphthyl-, and Tri-1-
Naphthyl-Silanol, by N. P. Shostakovskiy,
Kh. I. Kondratyev, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 3, 1957, pp 319-324.

Consultants Bureau

Sci - Chem

May 59

86,902

Synthesis and Reactions of Oxygen-Containing
Organosilicon Compounds. Communication 5.
Synthesis and Reactions of Aliphatic-Aromatic
Silanediols, by M. F. Shostakovskiy, Kh. I.
Kondratyev, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 8, Aug 1956, pp 967-973.

Consultants Bureau

Sci - Chemistry
Jul 57

49, 411

Synthesis and Reactions of Oxygen-Containing
Organosilicon Compounds. Communication 4.
Synthesis of the Methyl, Ethyl, Propyl, and
Isopropyl Dimethylphenylsilyl Acetals of
Acetaldehyde, by M. F. Shostakovskiy, Kh. I.
Kondratyev, 6 pp.

RUSSIAN, no per, Iz Ak Nauk, Otdel Khim Nauk,
No 7, 1956, pp 811-816.

Consultants Bureau

Sci - Chem
May 57

47, 220

Studies on the Synthesis and Reactions of
Organosilicon Compounds Containing Oxygen.
The Synthesis of Dialkyl-, Alkylaryl- and
Diarylsilanedioles, and Certain of Their
Properties, by M. F. Shostakovsky, D. A.
Kochkin, Kh. I. Kondratyev, V. M. Rogov,
10 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI,
No 12, 1956, pp 3344-3352.

Consultants Bureau

Sci - Chemistry
Jul 58

67, 418

Autonomous Navigation in Spaceflight, by A. Verzhbitskiy,
L. Kondratyev, & V.
RUSSIAN, part, Avtomaticheskaya, No 7, 1963. 940222-V
FOR OFFICIAL USE ONLY

PTD-ST-63-7

Sci
Feb 64

250,000

Spectrum of the Internal Conversion Electrons
Accompanying the Alpha Decay of Pu^{238} and
 Pu^{240} , by S. P. Tretyakov, L. N. Kondrat'ev,
G. I. Khlebnikov, L. L. Gol'din, 4 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XXXVI(9), No 2, 1959, pp 362-366.

Amer Inst of Phys
Sov Phys - JETP

Sci - Phys

Sept 59

97,156

Alpha Decay of Pu^{240} , by L.N. Kondrat'ev, G.I. Novikov, Yu. P. Sobolev and L.L. Gol'din, 3 pp.

²
RUSSIAN, per, Zhur Eksp'er i Teoret Fiz, Vol XXXI, No 5, pp 771-774.
Nov 1956

Amer Inst of Phys
Soviet Phys, JETP
Vol IV, No 5

49,858

Sci - Phys
Jul 57

Spectrum of the Internal Conversion Electrons Accompanying the α -Decay of Pu^{238} and Pu^{240} , by
E. F. Tret'yakov, L. N. Kondrat'ev, G. I. Khlebnikov,
L. L. Gol'din.

RUSSIAN, per, Zhur Eksp. i Teoret. Fiz., Vol. XXVI, No
2, Feb 1959, pp 362-366.

Internatl. Physical Index
Physics Express
Vol I, No 10

Sci

93, 879

Aug 59

63-11518

Kondrat'ev, K. Ya. and Filipovich, O. P.
THE THERMAL STATE OF UPPER ATMOSPHERIC
LAYERS. Oct 62, 405p. 472 refs. NASA Technical
Trans. F-103. NASA N62-17998
Order from OTS \$6.00

63-11518

Trans. of mono. Teplovoy Rezhim Verkhnikh Sloev
Atmosfery, Leningrad, 1960, 356p.

DESCRIPTORS: *Upper atmosphere, Gases, Statistical
analysis, Theory, *Thermodynamics, *Atmospheric
sounding, Acoustic sounding, Meteors, Optics, Search-
lights, Spectroscopy, Aurorae, Ozone, *Radiosondes,
Atmospheric tides, *Rocket research, *Satellite vehi-
cle research, Periodic variations, Stratosphere, Ultra-
violet radiation, Electric currents,
Magnetohydrodynamics.

The monograph represents a systematic treatment of
(Earth Sciences--Atmosphere, TT, v. 9, no. 4) (over)

- I. Kondrat'ev, K. Ya.
- II. Filipovich, O. P.
- III. NASA TT-F-103
- IV. National Aeronautics and
Space Administration,
Washington, D. C.
- V. NASA N62-17998

*Order with [unclear]
of U.S. [unclear]
NASA*

0227806

Office of Technical Services

Double Nonferrous β -Spectrometer With a Homodol
Field, by E. F. Tret'yakov, L. M. Kondrat'ev,
et al., 11 pp.

RUSSIAN, per, Zhur Ekspoz i Teoret Fiz, 1962.
920/254

AEC Tr-5656

Sci - Phys

232, 825

May 63

Nonradiative Transition in Heavy μ^+ - Mesic Atoms,
by M. ¹⁶Balatz, L. N. Kondrat'yev, L. G. Landsberg,
P. I. Lebedev, 3 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XXXVIII, No 6, 1960, pp 1715-1719.

AIP
Sov Phys-JETP
Vol XI, No 6

Sci

141,329

Mar 61

On the α -Decay of Np^{237} , by L. N. Kondrat'ev, G. I. Novikova, A. M. Vorob'ev, L. L. Gol'din, 2 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz, Vol XX, No 8, 1956, pp ~~885~~ 875-876.

Columbia Tech

Sci - Phys

53,264

Sep 57

The Alpha Decay of Pu^{239} , by G. I. Kovikova,
L. N. Kondratyev, Yu. P. Scholev, L. L. Gol'din,
3 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol
XXIII, No 5, 1957, pp 1018-1021.

Amer Inst of Phys
Sov Phys-JEPR
Vol V, No 5

Sci - Phys

59, 466

Mar 58

Search for Antimatter in Cosmic Rays and
in Cosmic Space, by M. L. Grigorov,
D. A. Zhurevlev, M. A. Kondrat'yev.

RUSSIAN, bk, Iskusstvennyye Sputniki Zemli,
No 10, 1961, pp 96, 97.

NASA TT F-6164

Sci - Phys
15 Jun 62
US GOV'T USE ONLY

201, 225

106

USSR Achievements in Space Research (First
Decade in Space, 1957-1967) -- Studies of the
Upper Atmosphere with Rockets and Satellites,
by M. G. Kondrat'yev, 34 pp.

RUSSIAN, bk. Uspkhi SSSR v Issledovanii
Kosmicheskogo Prostranstva. Peruvye Kosmicheskiye
Doklady, 1968.
JPRS 47,311

M. G. Kondrat'yev

Sai-Space Tech
Feb 69

373,868

Aircraft Navigation With the Use of Earth Satellites,
by N. Kondrat'yev, V. Odintsov, 13 pp. FOR OFFICIAL
USE ONLY

RUSSIAN, per, Aviatsiya i Kosmonavtika, No 1, 1962.
9678006

FTD-ST-62-1

USSR

210,063

Mil

Sci

Sep 62